

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 96, line 19, with the following rewritten paragraph:

Example 7

Additional hNET Single Nucleotide Polymorphisms

Using techniques described in Example 6 above, applicants have also characterized additional hNET single nucleotide polymorphisms (SNPs) that have been identified, e.g. Stober et al. (1996) *American Journal of Medical Genetics* 67:523-532 and Halushka et al. (1999) *Nature Genetics* 22:239-247, ~~SNP data available at <http://genome.cwru.edu/candidates/snps.html>~~. Characterization of these SNPs has led to the observation of both loss of function as well as significant increases in transport in different mutants. By screening susceptible populations for hNET mutations and characterizing mutant proteins, structural components underlying transport function are identified and the role and prevalence of hNET mutations in disease are illuminated.